



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 5

77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

4605

FERNALD
LOG D-0839

2002 NOV 26 A 10:26

REPLY TO THE ATTENTION OF

FILE

SRF-5J

NOV 25 2002

Mr. Johnny Reising
United States Department of Energy
Feed Materials Production Center
P.O. Box 398705
Cincinnati, Ohio 45239-8705

RE: OSDF Phase III-Cell 1 Final
Cover Construction

Dear Mr. Reising:

The United States Environmental Protection Agency (U.S. EPA) has completed its review of the United States Department of Energy's (U.S. DOE) construction quality assurance final report, Phase III-Cell 1 final cover construction, On-Site Disposal Facility (OSDF). The summarizes U.S. DOE's construction quality assurance activities conducted during the Cell 1 final cover.

The report appears complete and provides a detailed account of the construction quality assurance activities performed during construction of the final cover. However, U.S. EPA has enclosed a few minor comments.

Please contact me at (312) 886-0992 if you have any questions regarding this matter.

Sincerely,

James A. Saric
Remedial Project Manager
Federal Facilities Section
SFD Remedial Response Branch #2

Enclosure

cc: Tom Schneider, OEPA-SWDO
Sally Robison, U.S. DOE-HQ
Jamie Jameson, Fluor Fernald
Terry Hagen, Fluor Fernald
Tim Poff, Fluor Fernald

Commenting Organization: U.S. EPA
Section #: Not Applicable(NA)Page #: NA
General Comment #: 1
Comment: The "Construction Quality Assurance Final Report" is complete and provides a detailed account of the construction quality assurance activities performed during construction of the final cover.

Commenting Organization: U.S. EPA Commentor: Saric
Section #: 2 Page #: 5 Line #: NA
Specific Comment #: 1
Comment: Although detailed drawings of the cover system are included in other portions of the report, a cross section of the cover should be provided in Section 2 to support the discussion of the various layers.

Commenting Organization: U.S. EPA Commentor: Saric
Section #: 5.5.3.3 Page #: 31 Line #: NA
Specific Comment #: 2
Comment: The text states that 81 field nuclear moisture/density tests and four drive cylinder tests were performed on the contouring layer and refers to Table 5-1. Table 5-1 indicates that 52 field nuclear moisture/density tests and three drive cylinder tests were performed. These discrepancies should be corrected.

Commenting Organization: U.S. EPA
Section #: 6.1
Specific Comment #: 3
Comment: The second paragraph of this section states
"273,093 ft² (270,000 m²) of geomembrane was installed.
The discrepancy between these values should be
corrected.